

ENCODING AND ENCRYPTING DEVICES
FOR SECURE SCALABLE DATA STREAMING

ABSTRACT OF THE DISCLOSURE

- 5 A device and method thereof for encoding and encrypting data. The device includes a segmenter adapted to receive the data and segment at least a portion of the data into regions, a scalable encoder adapted to scalably encode at least one of the regions into scalably encoded data, and a progressive encrypter adapted to progressively encrypt at least a portion of the
- 10 scalably encoded data into progressively encrypted scalably encoded data. In one embodiment, progressively encrypted scalably encoded data are provided to a packetizer in real time. In another embodiment, the device includes a storage unit adapted to store progressively encrypted scalably encoded data. In this latter embodiment, data can then be extracted from
- 15 storage and provided to a packetizer.

09972229.100401